

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name, and I verily b  
that I am the original, first and sole inventor if only one name is listed below, or an original, first and joint in  
plural inventors are named below, of the subject matter which is claimed and for which a patent is sought on  
invention entitled: DIGITAL CONTROL LOOP TO SOLVE INSTABILITY OF ELECTROSTATIC DRIVE  
BEYOND 1/3 GAP LIMIT, which is attached hereto.

I have reviewed and understand the contents of the above identified specification, including the claim  
amended by any amendment specifically referred to in the oath or declaration;

No application for patent or inventor's certificate on this invention has been filed by me or by my leg  
representatives or assigns in any country foreign to the United States of America;

I acknowledge the duty to disclose information which is material to the patentability of this applicati  
accordance with Title 37, Code of Federal Regulations Section 1.56(a);

As a named inventor, I hereby appoint the following attorneys to prosecute this application and trans  
business in the Patent and Trademark Office connected therewith:

☒ **Practitioners at Customer Number: 23494**

Send correspondence and direct telephone calls to:

W. Daniel Swayze, Jr., Esq.  
Texas Instruments Incorporated  
PO Box 655474, M/S 3999  
Dallas, Texas 75265  
(972) 917-5633

I further declare that all statements made herein of my own knowledge are true and that all statemen  
on information and belief are believed to be true; and further that these statements were made with the know  
that willful false statements and the like so made are punishable by fine or imprisonment, or both under Sec  
of Title 18 of the United States Code, and that such willful statements may jeopardize the validity of the app  
or any patent issuing thereon.

Name of Inventor: Terence J. Murphy  
Residence and Post Office Address: 7400 Casper Drive, Plano, Texas 75025  
Country of Citizenship: USA

Inventor's signature:

*Terence J. Murphy*

Date: 12/19